

Title (en)
BIPLANAR FORCEPS REDUCERS

Title (de)
UNTERSETZUNGSGETRIEBE FÜR BIPLANARE ZANGE

Title (fr)
RÉDUCTEURS DE FORCEPS BIPLANAIRE

Publication
EP 4240262 A1 20230913 (EN)

Application
EP 21810005 A 20211109

Priority
• US 202063111606 P 20201109
• EP 2021081168 W 20211109

Abstract (en)
[origin: US2022142683A1] Biplanar forceps reducer instruments and methods are disclosed herein. The instruments disclosed herein can engage an implant, such as a bone anchor receiver head, and reduce or move a spinal fixation element, such as a rod, in two planes to move the rod into a channel formed in the receiver head. Further, the biplanar forceps reducer instruments disclosed herein can allow for introduction and tightening of a set screw using an inserter that can pass through a cannulated tube of the reducer. The low profile and biplanar reduction functionality can allow a single type of reducer instrument to couple with each bone anchor along a spinal fixation construct and remain in position until the construct is secured in position.

IPC 8 full level
A61B 17/70 (2006.01); **A61B 17/88** (2006.01)

CPC (source: EP US)
A61B 17/7086 (2013.01 - EP US); **A61B 17/8875** (2013.01 - EP)

Citation (search report)
See references of WO 2022096752A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
US 2022142683 A1 20220512; EP 4240262 A1 20230913; WO 2022096752 A1 20220512

DOCDB simple family (application)
US 202117522164 A 20211109; EP 2021081168 W 20211109; EP 21810005 A 20211109